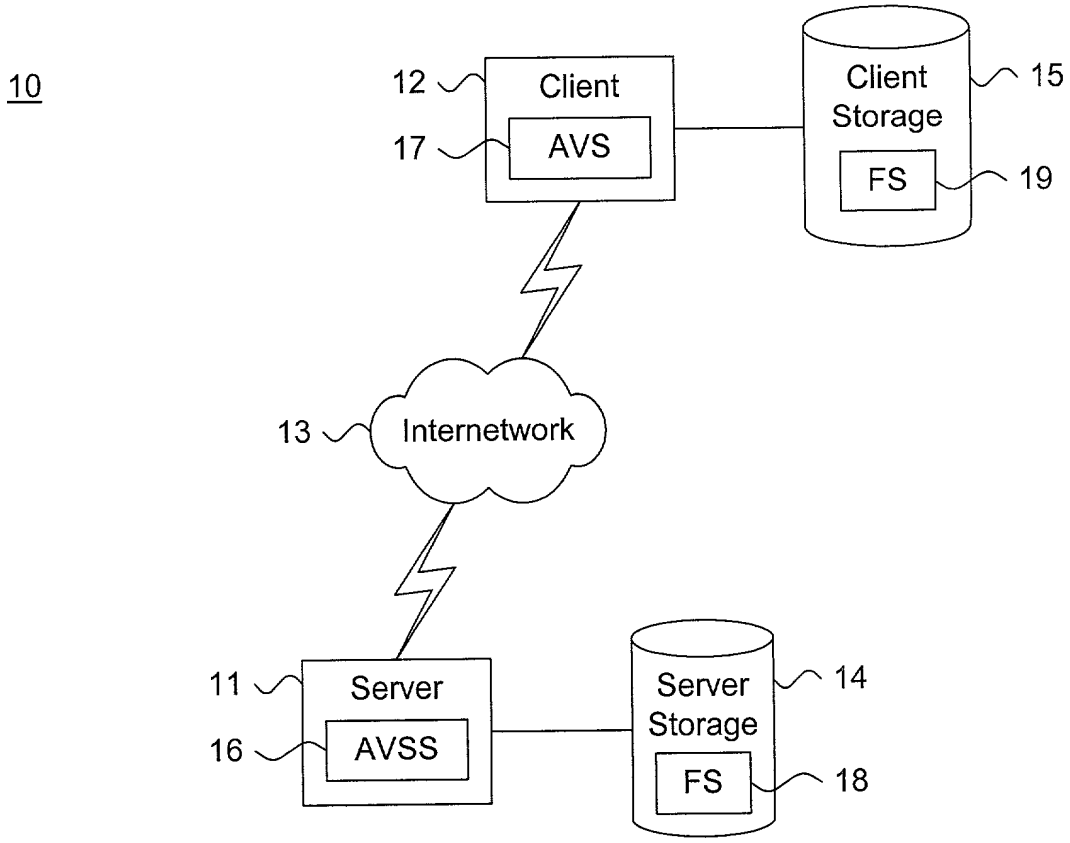
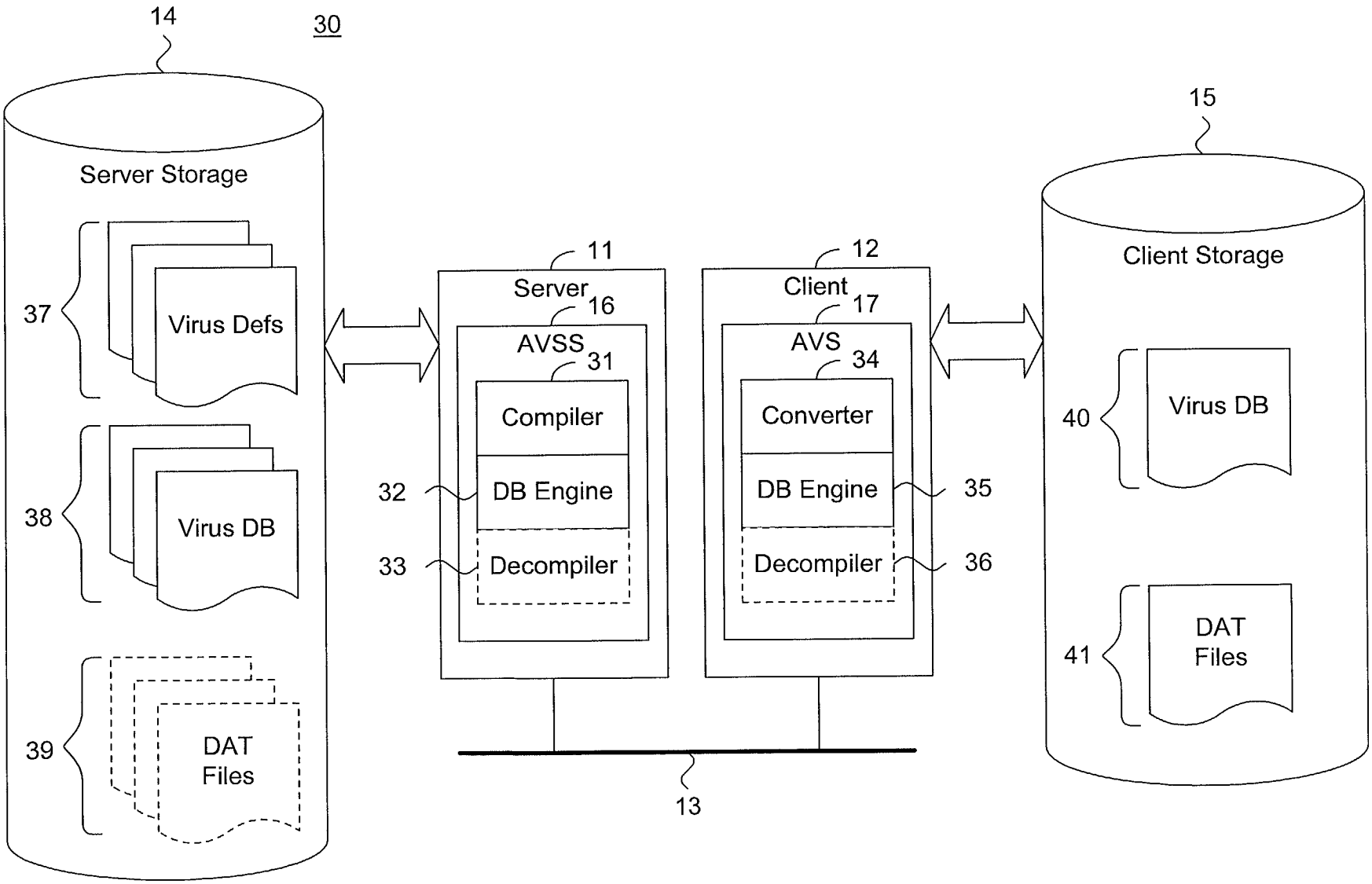
Figure 1.


10
12
Client
17
AVS
Client
Storage
15
FS
19
13
Internetwork
11
Server
16
AVSS
Server
Storage
14
FS
18

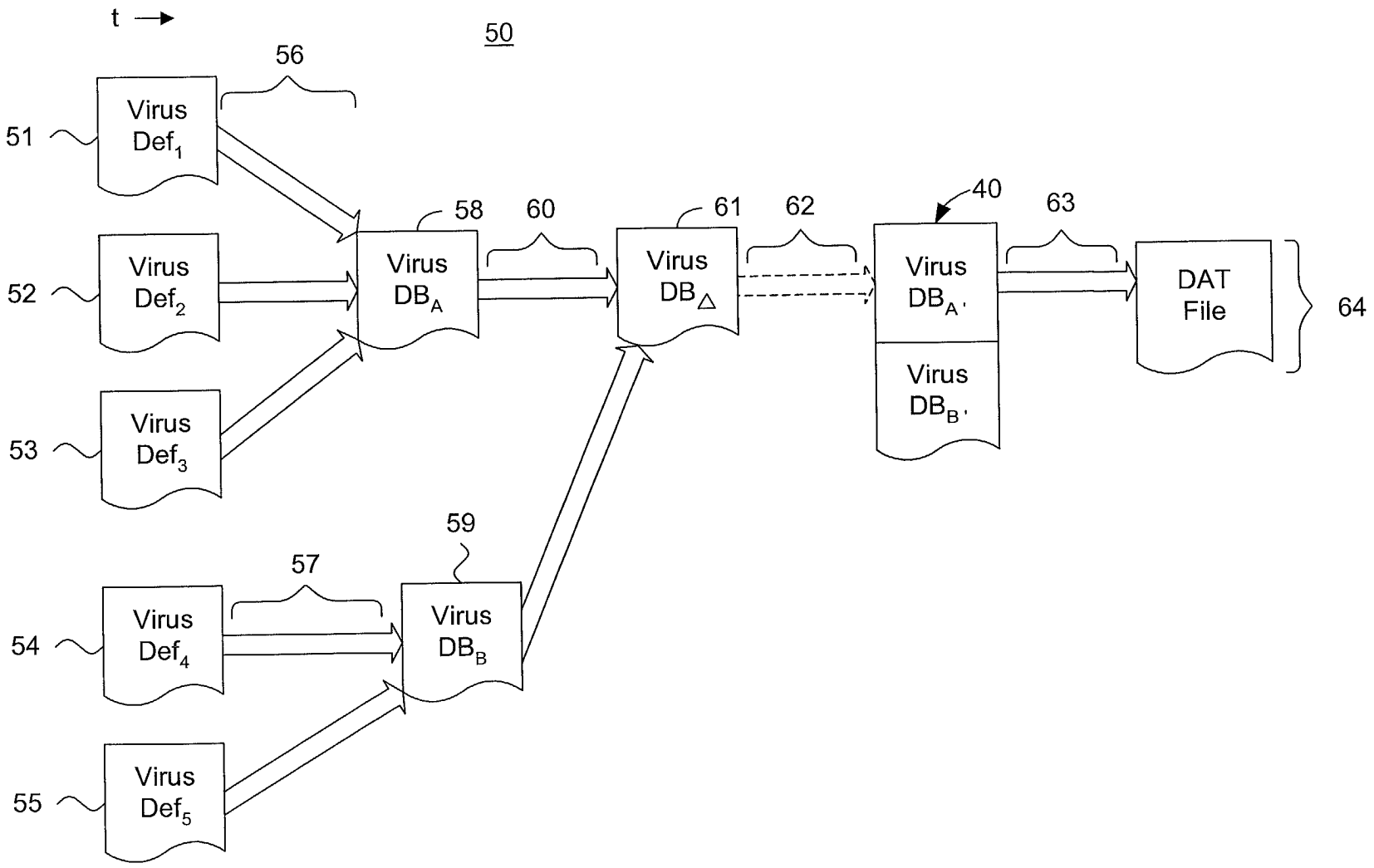
08827 2790260

Figure 2.



08T2F 2T90h260

Figure 3A.



08627 2790260

Figure 3B.

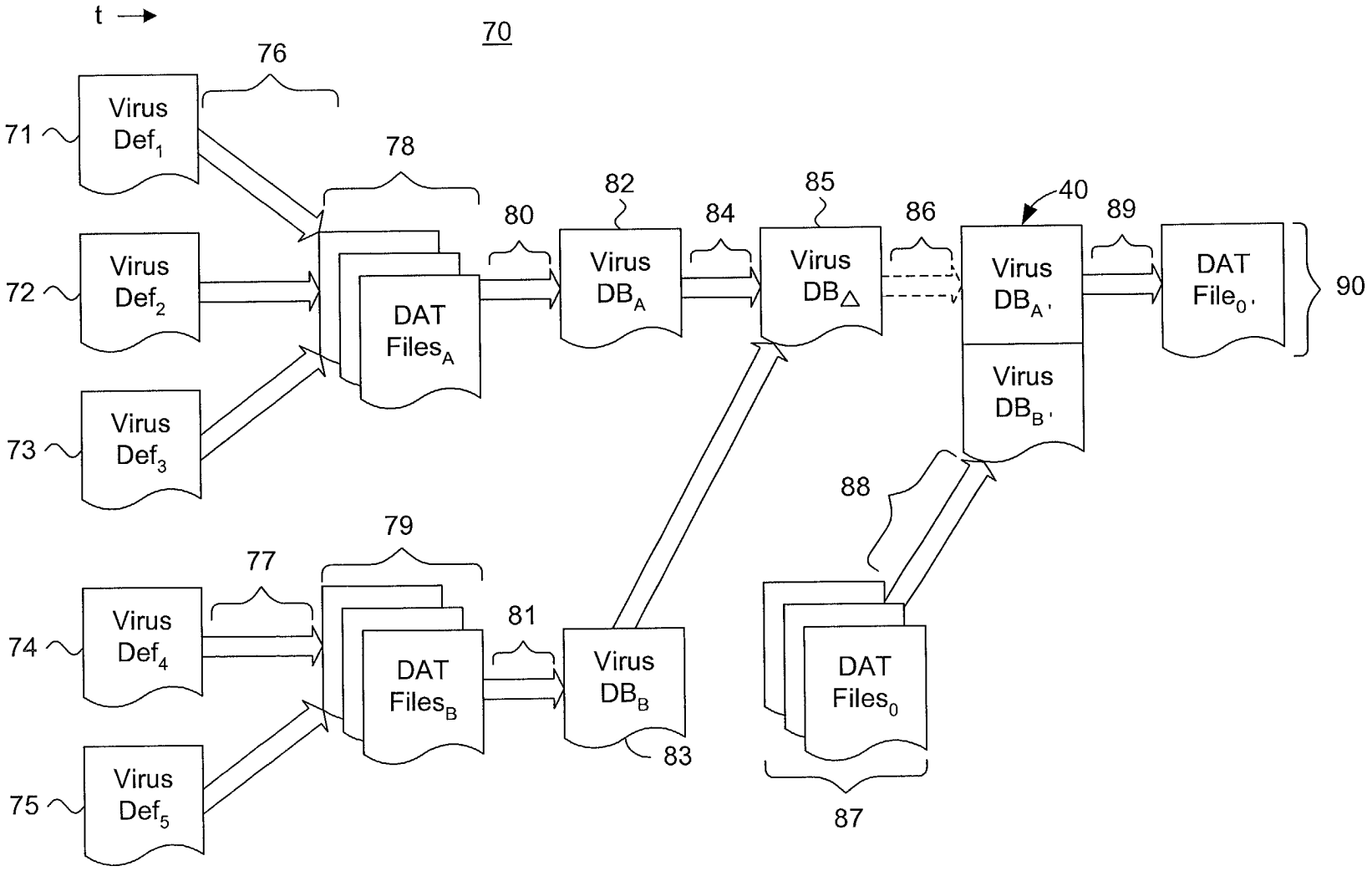


Figure 4 (Prior Art).

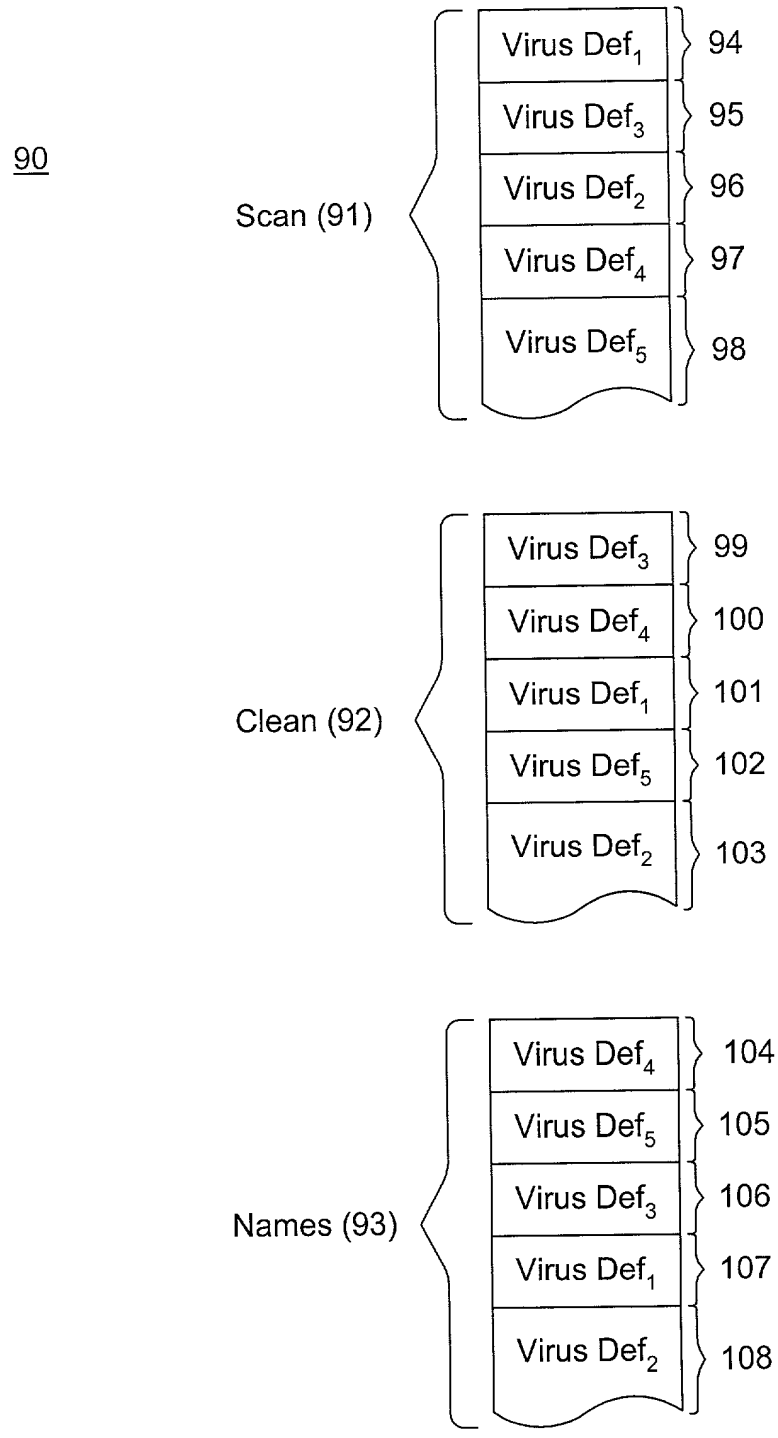


Figure 5.

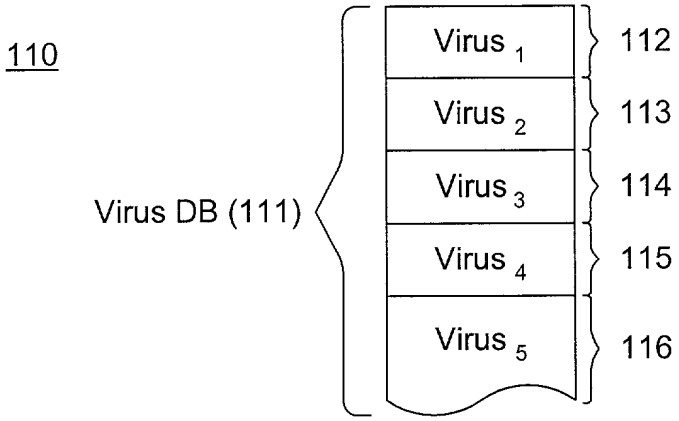


Figure 6.

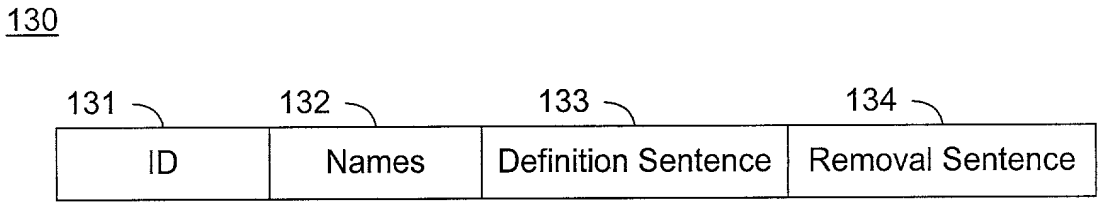


Figure 7.

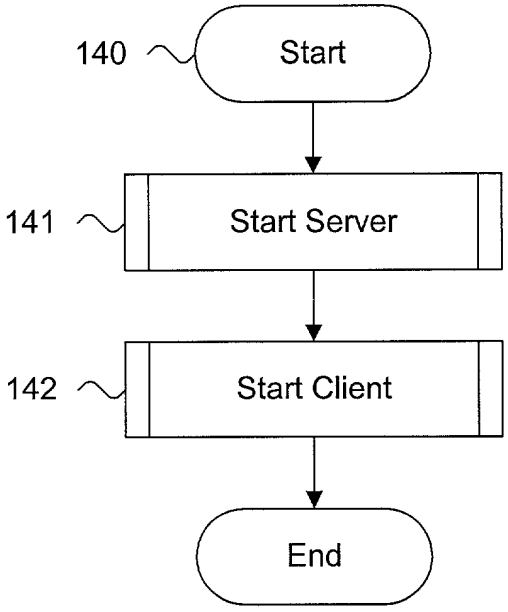


Figure 8.

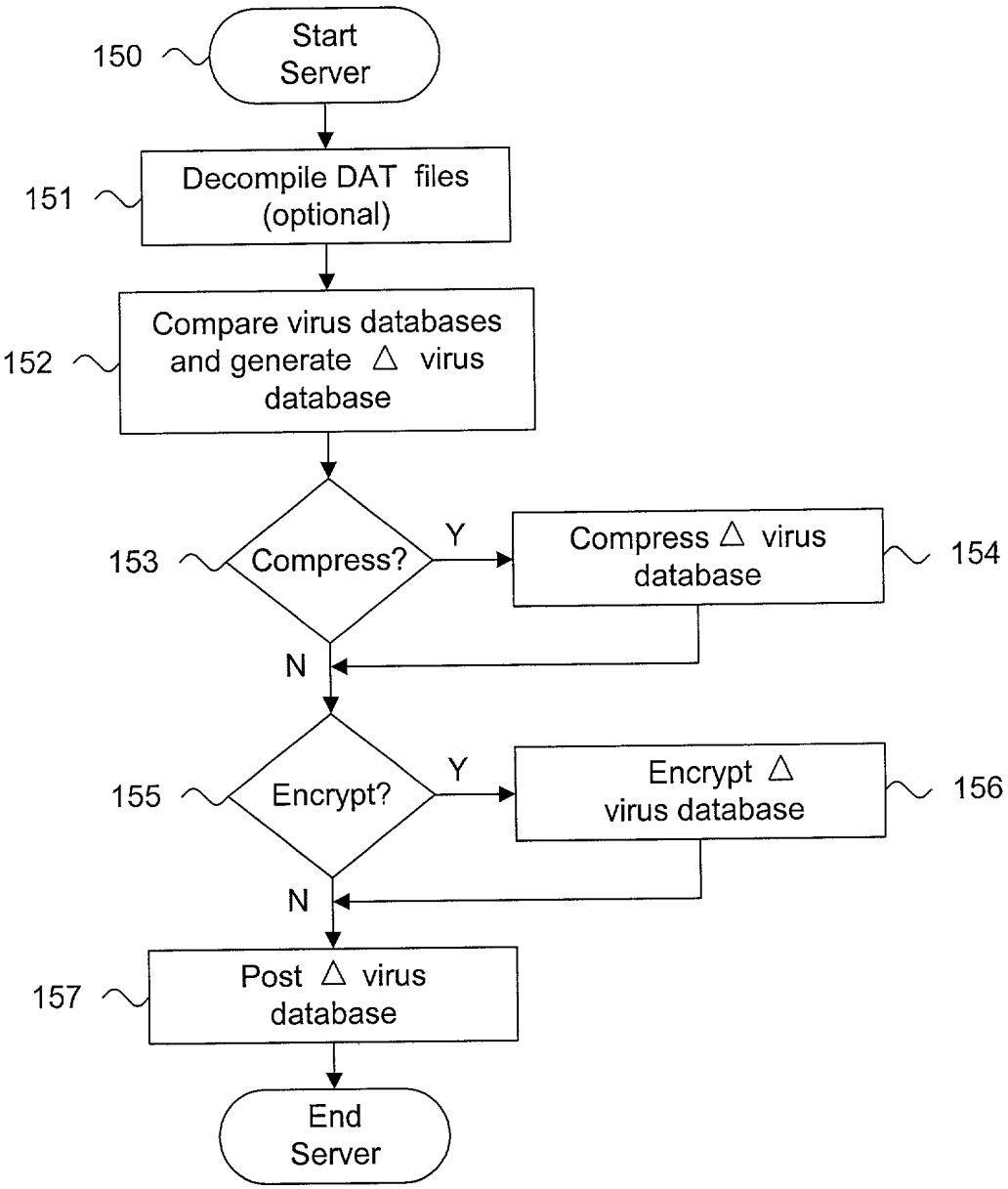
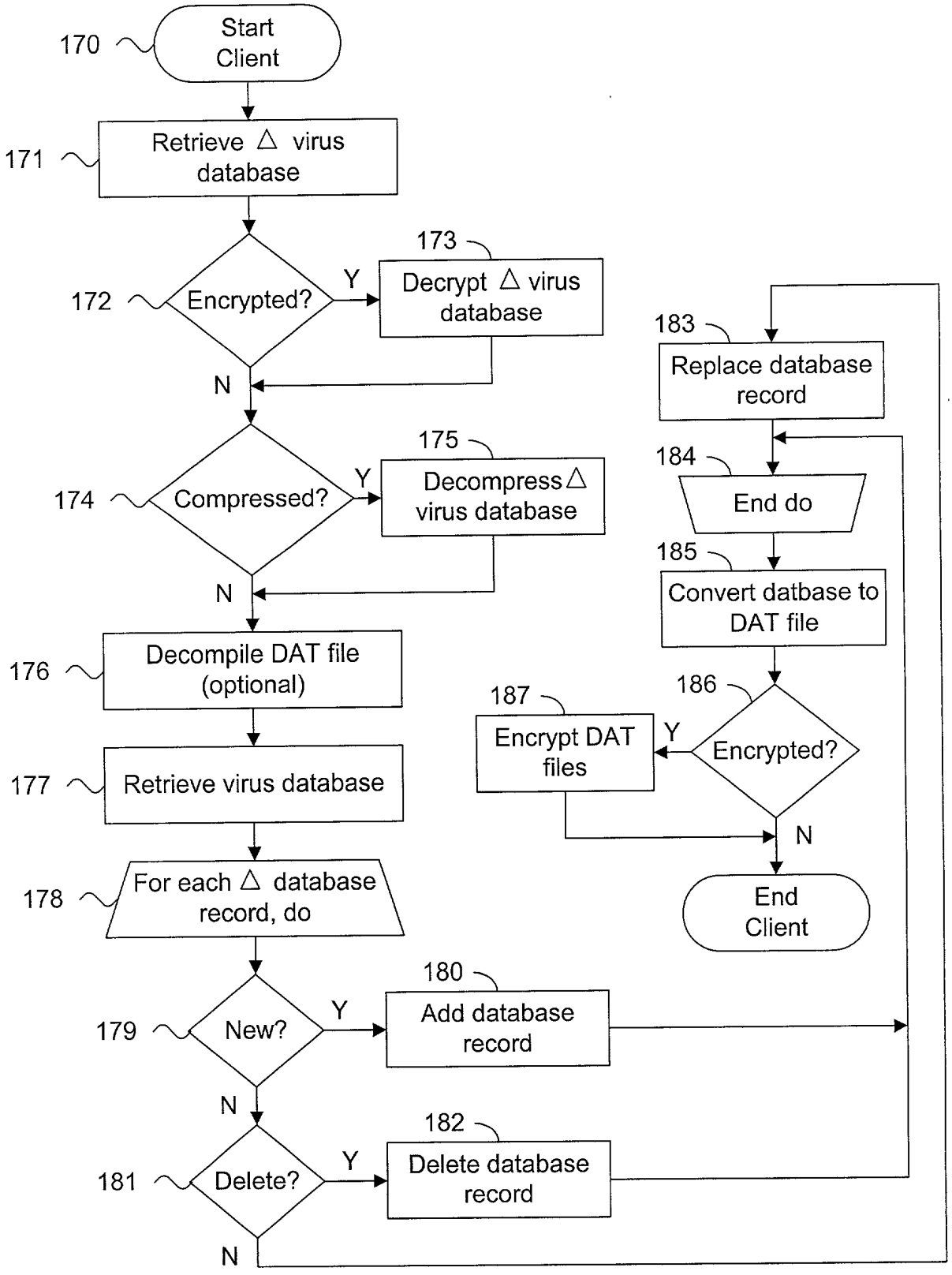

150
Start Server
151
Decompile DAT files (optional)
152
Compare virus databases and generate △ virus database
153
Compress?
Y
Compress △ virus database
154
N
155
Encrypt?
Y
Encrypt △ virus database
156
N
157
Post △ virus database
End Server

Figure 9.


170
Start Client
171
Retrieve △ virus database
172
Encrypted?
Y
173
Decrypt △ virus database
N
174
Compressed?
Y
175
Decompress △ virus database
N
176
Decompile DAT file (optional)
177
Retrieve virus database
178
For each △ database record, do
179
New?
Y
180
Add database record
N
181
Delete?
Y
182
Delete database record
N
183
Replace database record
184
End do
185
Convert datbase to DAT file
186
Encrypted?
Y
187
Encrypt DAT files
N
End Client